

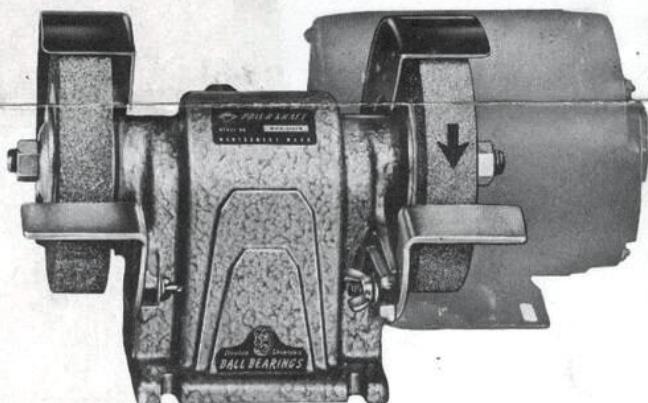
Guide for your new



POWR-KRAFT

6" ball bearing bench grinder

MODEL
84-5159
WITH WHEELS



GENERAL INSTRUCTIONS

UNPACKING AND ASSEMBLY

Your grinder is packed complete in this carton. When unpacked, inspect carefully for damage, and be certain the grinding wheels are not cracked. This is very important. The Tool Rests are enveloped separately and should be assembled to the grinder as illustrated above and in the exploded view.

MOUNTING

To prevent excessive vibration and creeping, secure the grinder firmly to a stand or bench with bolts or lag screws.

INSERTING "V" BELT ON PULLEY

1. Remove both nuts, flanges and grinding wheels from the shaft.
2. Loosen set screw on the pulley.
3. Now tap either end of the shaft with a hammer or mallet to drive out the opposite bearing. (Use a piece of wood to protect the shaft end from damage.)
4. When free, draw the shaft thru the bearings to a point where the belt can be inserted over the shaft end on the pulley, then replace the shaft and the bearings.
5. With shaft and bearings in place and the belt on the pulley, center pulley and tighten set screw.

6. Replace wheel flanges, grinding wheels and tighten shaft nuts. The grinder is then ready for use.

CAUTION

Do not reverse the shaft. As viewed by the operator, the left end has left hand threads and the right end has right hand threads. Be sure the nuts are properly installed, and the wheels are driven counterclockwise when viewed from the right end.

MOTOR

For correct speed ratio and adequate power, this grinder is designed for use with a 1/4 H.P. 1725 R.P.M. Motor, equipped with a 3 inch diameter Type "A" V pulley.

GRINDING WHEELS

This grinder and the wheel guards furnished with it are designed for 6 x 1 x 1/2 inch grinding wheels - one coarse for rough grinding and one medium for finishing. When mounting the wheels, do not tighten shaft nuts too tight - just enough to prevent slippage. Next, be sure the wheels are driven in the direction shown by the arrow on the picture at the left, and do not exceed the recommended R.P.M. listed on each wheel. Replacement wheels, in this size, can be purchased from your nearest Warus Farm Store, Retail Store, Catalog Office or Mail Order House. See latest General Catalog for correct number, size and price.

OPERATION

Your grinder comes equipped with safety steel wheel guards and adjustable tool rests. Always have the guards and rests in place when the grinder is being used. For most efficient grinding, do not force the work into the wheel, and avoid any pressure against the side of the wheels, or twisting, jabbing or catching the work between the tool rest and grinding wheels.

LUBRICATION

This grinder is equipped with oil sealed double shielded ball bearings which require no adjustment or lubrication throughout the life of the bearings.

POWR-KRAFT

IS SOLD ONLY BY

MONTGOMERY WARD

HOW TO OBTAIN SERVICE



The merchandise you have purchased from us has been carefully engineered and manufactured under Wards rigid quality standards and should give you satisfactory and dependable operation. However, like all mechanical merchandise, it may occasionally require adjustment or maintenance.

Should you ever need technical assistance, please contact or write your nearest Wards Retail Store, Catalog Store or Mail Order House.

Provide the following:

1. Model, serial number and all of the other data shown on the model plate.
2. The date and the Wards branch from which you purchased your merchandise.
3. State briefly the trouble you are having.

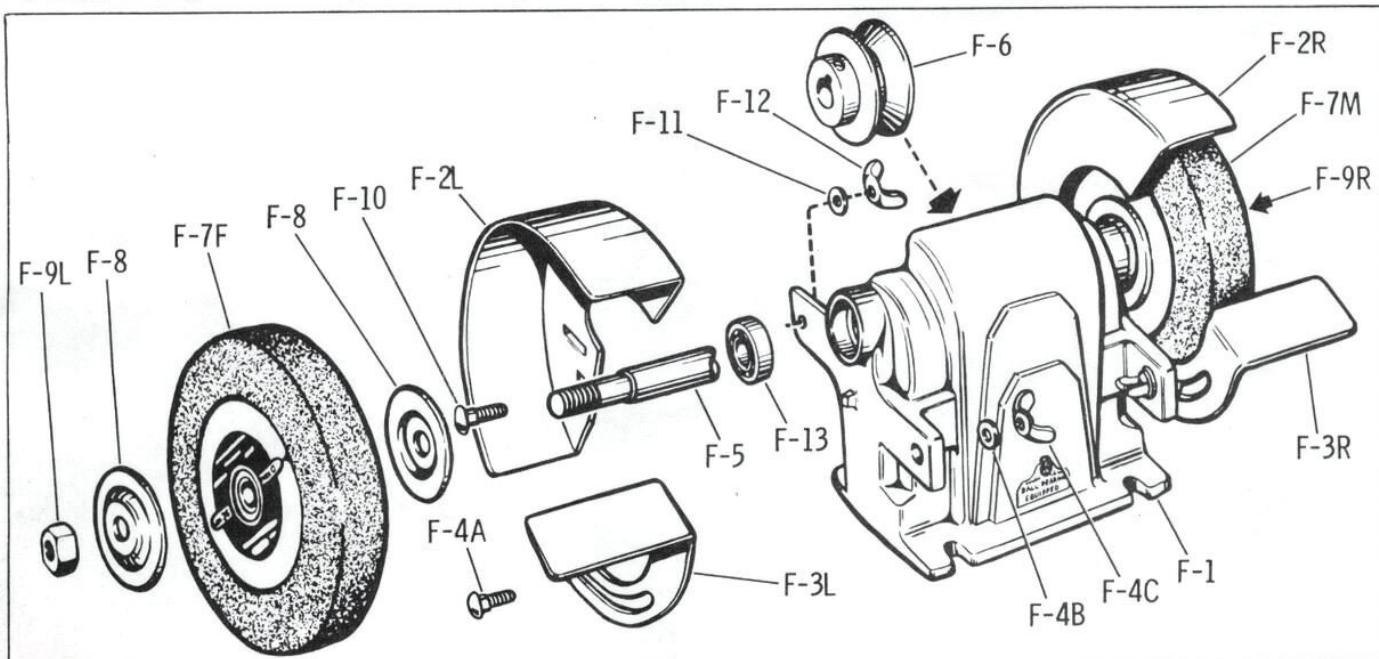
HOW TO OBTAIN REPAIR PARTS



Repair Parts may be obtained from your Wards Retail Store, Catalog Store or Mail Order House and will be made available at current prices. If requested, prices will be quoted in advance when not listed.

When requesting repair parts, be sure to give the model and serial number which is shown on the model plate. Also give the part number and the name of the part as shown in the repair parts listing.

If you order by mail, you will pay the transportation charges from the shipping point.



REPAIR PARTS

Part No.	Description	Shipping Weight		Price Each
		Lbs.	Oz.	
F-1	Base casting, (CB-6)	8		\$3.75
F-2R	Wheel guard, R.H. 6"	1	4	1.00
F-2L	Wheel guard, L.H. 6"	1	4	1.00
F-3R	Tool rest, R.H.	6		.50
F-3L	Tool rest, L.H.	6		.50
F-4A	Bolt, carriage, 1/4 x 1" (2)	3		.10
F-4B	Washer, plain, 1/4" (2)	3		.10
F-4C	Wing nut, 1/4" (2)	3		.10

Part No.	Description	Shipping Weight		Price Each
		Lbs.	Oz.	
F-7M	Grinding wheel, 6 x 1 x 1/2" Vitr., 60 M.			\$
F-7C	Grinding wheel, 6 x 1 x 1/2" Vitr., 36 C.			See General Catalog for number and price.
F-8	Wheel flanges, 1/2" (4)			
F-9R	Nut. hex.. R.H. 1/2"			